#2

OIPE

RAW SEQUENCE LISTING DATE: 07/27/2001
PATENT APPLICATION: US/09/905,674 TIME: 13:18:18

Input Set : A:\521.app.txt
Output Set: N:\CRF3\07272001\I905674.raw

ENTERED

```
     4 <110> APPLICANT: Reinhard, Christoph
     5       Garcia, Pablo
     8 <120> TITLE OF INVENTION: TETRASPAN PROTEIN AND USES THEREOF
    11 <130> FILE REFERENCE: PP-01700.002/200130.521
C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/905,674
    14 <141> CURRENT FILING DATE: 2001-07-13
    16 <160> NUMBER OF SEQ ID NOS: 14
    18 <170> SOFTWARE: FastSEQ for Windows Version 4.0
    20 <210> SEQ ID NO: 1
    21 <211> LENGTH: 1388
    22 <212> TYPE: DNA
    23 <213> ORGANISM: Homo sapiens
    25 <220> FEATURE:
    26 <221> NAME/KEY: misc_feature
    27 <222> LOCATION: 1285, 1377
    28 <223> OTHER INFORMATION: n = A,T,C or G
    30 <221> NAME/KEY: misc_feature
    31 <222> LOCATION: 1285, 1377
    32 <223> OTHER INFORMATION: n = A,T,C or G
    34 <400> SEQUENCE: 1
    35 cttcctcggc cgagccgggc cgcgcggccg ctgccgccgc cgcgcgcgga ttctgcttct 60
    36 cagaagatgc actattatag atactctaac gccaaagtca gctgctggta caagtacctc 120
    37 cttttcagct acaacatcat cttctggttg gctggagttg tcttccttgg agtcgggctg 180
    38 tgggcatgga gcgaaaaggg tgtgctgtcc gacctcacca aagtgacccg gatgcatgga 240
    39 atcgaccctg tggtgctggt cctgatggtg ggcgtggtga tgttcaccct ggggttcgcc 300
    40 ggctgcgtgg gggctctgcg ggagaatatc tgcttgctca acttttctg tggcaccatc 360
    41 gtgctcatct tcttcctgga gctggctgtg gccgtgctgg ccttcctgtt ccaggactgg 420
    42 gtgagggacc ggttccggga gttcttcgag agcaacatca agtcctaccg ggacgatatc 480
    43 gatctgcaaa acctcatcga ctcccttcag aaagctaacc agtgctgtgg cgcatatggc 540
    44 cctgaagact gggacctcaa cgtctacttc aattgcagcg gtgccagcta cagccgagag 600
    45 aagtgcgggg tccccttctc ctgctgcgtg ccagatcctg cgcaaaaagt tgtgaacaca 660
    46 cagtgtggat atgatgtcag gattcagctg aagagcaagt gggatgagtc catcttcacg 720
    47 aaaggctgca tccaggcgct ggaaagctgg ctcccgcgga acatttacat tgtggctggc 780
    48 gtcttcatcg ccatctcgct gttgcagata tttggcatct tcctggcaag gacgctgatc 840
    49 tcagacatcg aggcagtgaa ggccggccat cacttctgag gagcagagtt gagggagccg 900
    50 agctgagcca cgctgggagg ccagagcctt tctctgccat cagccctacg tccagaggga 960
    51 gaggagccga caccccaga gccagtgccc catcttaagc atcagcgtga cgtgacctct 1020
    52 ctgtttctgc ttgctggtgc tgaagaccaa gggtcccccc tgttacctgc ccaaacttgt 1080
    53 gactgcatcc ctctggagtc tacccagaga cagagaatgt gtctttatgt gggagtggtg 1140
    54 actctgaaag acagagaggg ctcctgtggc tgccaggagg gcttgactca gacccccctgc 1200
    55 agctcaagca tgtctgcagg acaccctggt ccccctctcc aytggcwtcc agacatctgc 1260
M-> 56 tttgggtcat ccacatctgt gggtnggccg tgggtagagg gacccacagg cgtggacagg 1320
W-> 57 gcatctctct ccatcaagca aagcagcatg gggggccttg ccgtaaacgg gaggcgngac 1380
    58 gttggccc                                                        1388
    60 <210> SEQ ID NO: 2
    61 <211> LENGTH: 270
    62 <212> TYPE: PRT
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63 <213> ORGANISM: Homo sapiens
65 <400> SEQUENCE: 2
66 Met His Tyr Tyr Arg Tyr Ser Asn Ala Lys Val Ser Cys Trp Tyr Lys
67 1 5 10 15
68 Tyr Leu Leu Phe Ser Tyr Asn Ile Ile Phe Trp Leu Ala Gly Val Val
69 20 25 30
70 Phe Leu Gly Val Gly Leu Trp Ala Trp Ser Glu Lys Gly Val Leu Ser
71 35 40 45
72 Asp Leu Thr Lys Val Thr Arg Met His Gly Ile Asp Pro Val Val Leu
73 50 55 60
74 Val Leu Met Val Gly Val Val Met Phe Thr Leu Gly Phe Ala Gly Cys
75 65 70 75 80
76 Val Gly Ala Leu Arg Glu Asn Ile Cys Leu Leu Asn Phe Phe Cys Gly
77 85 90 95
78 Thr Ile Val Leu Ile Phe Phe Leu Glu Leu Ala Val Ala Val Leu Ala
79 100 105 110
80 Phe Leu Phe Gln Asp Trp Val Arg Asp Arg Phe Arg Glu Phe Phe Glu
81 115 120 125
82 Ser Asn Ile Lys Ser Tyr Arg Asp Asp Ile Asp Leu Gln Asn Leu Ile
83 130 135 140
84 Asp Ser Leu Gln Lys Ala Asn Gln Cys Cys Gly Ala Tyr Gly Pro Glu
85 145 150 155 160
86 Asp Trp Asp Leu Asn Val Tyr Phe Asn Cys Ser Gly Ala Ser Tyr Ser
87 165 170 175
88 Arg Glu Lys Cys Gly Val Pro Phe Ser Cys Cys Val Pro Asp Pro Ala
89 180 185 190
90 Gln Lys Val Val Asn Thr Gln Cys Gly Tyr Asp Val Arg Ile Gln Leu
91 195 200 205
92 Lys Ser Lys Trp Asp Glu Ser Ile Phe Thr Lys Gly Cys Ile Gln Ala
93 210 215 220
94 Leu Glu Ser Trp Leu Pro Arg Asn Ile Tyr Ile Val Ala Gly Val Phe
95 225 230 235 240
96 Ile Ala Ile Ser Leu Leu Gln Ile Phe Gly Ile Phe Leu Ala Arg Thr
97 245 250 255
98 Leu Ile Ser Asp Ile Glu Ala Val Lys Ala Gly His His Phe
99 260 265 270
102 <210> SEQ ID NO: 3
103 <211> LENGTH: 25
104 <212> TYPE: DNA
105 <213> ORGANISM: Artificial Sequence
107 <220> FEATURE:
108 <223> OTHER INFORMATION: Oligonucleotide sequence
110 <400> SEQUENCE: 3
111 tgcagccttt cgtgaagatg gactc 25
113 <210> SEQ ID NO: 4
114 <211> LENGTH: 25
115 <212> TYPE: DNA
116 <213> ORGANISM: Artificial Sequence
118 <220> FEATURE:

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Input Set : A:\521.app.txt
Output Set: N:\CRF3\07272001\I905674.raw

119 <223> OTHER INFORMATION: Oligonucleotoide sequence
121 <400> SEQUENCE: 4
122 ccccatgctg ctttgcttga tggag 25
124 <210> SEQ ID NO: 5
125 <211> LENGTH: 23
126 <212> TYPE: DNA
127 <213> ORGANISM: Artificial Sequence
129 <220> FEATURE:
130 <223> OTHER INFORMATION: Oligonucleotoide sequence
132 <400> SEQUENCE: 5
133 gctcagctcg gctccctcaa ctc 23
135 <210> SEQ ID NO: 6
136 <211> LENGTH: 25
137 <212> TYPE: DNA
138 <213> ORGANISM: Artificial Sequence
140 <220> FEATURE:
141 <223> OTHER INFORMATION: Oligonucleotoide sequence
143 <400> SEQUENCE: 6
144 cacaagtttg ggcaggtaac aaggg 25
146 <210> SEQ ID NO: 7
147 <211> LENGTH: 25
148 <212> TYPE: DNA
149 <213> ORGANISM: Artificial Sequence
151 <220> FEATURE:
152 <223> OTHER INFORMATION: Oligonucleotoide sequence
154 <400> SEQUENCE: 7
155 agaggtcacg tcacgctgat gctta 25
157 <210> SEQ ID NO: 8
158 <211> LENGTH: 25
159 <212> TYPE: DNA
160 <213> ORGANISM: Artificial Sequence
162 <220> FEATURE:
163 <223> OTHER INFORMATION: Oligonucleotoide sequence
165 <400> SEQUENCE: 8
166 ctcaggtaga agtgctttcc gacgt 25
168 <210> SEQ ID NO: 9
169 <211> LENGTH: 25
170 <212> TYPE: DNA
171 <213> ORGANISM: Artificial Sequence
173 <220> FEATURE:
174 <223> OTHER INFORMATION: Oligonucleotoide sequence
176 <400> SEQUENCE: 9
177 gaggtagttc gtttcgtcgt acccc 25
179 <210> SEQ ID NO: 10
180 <211> LENGTH: 23
181 <212> TYPE: DNA
182 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: Oligonucleotoide sequence

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Input Set : A:\521.app.txt
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<400> SEQUENCE: 10
ctcaactccc tcggctcgac tcg 23
<210> SEQ ID NO: 11
<211> LENGTH: 25
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Oligonucletoide sequence
<400> SEQUENCE: 11
gggaacaatg gacgggtttg aacac 25
<210> SEQ ID NO: 12
<211> LENGTH: 25
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Oligonucletoide sequence
<400> SEQUENCE: 12
attcgtagtc gcactacgct ggaga 25
<210> SEQ ID NO: 13
<211> LENGTH: 24
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 13
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1 5 10 15
Met His Gly Ile Asp Pro Val Val
20
<210> SEQ ID NO: 14
<211> LENGTH: 120
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 14
Phe Leu Phe Gln Asp Trp Val Arg Asp Arg Phe Arg Glu Phe Phe Glu
1 5 10 15
Ser Asn Ile Lys Ser Tyr Arg Asp Asp Ile Asp Leu Gln Asn Leu Ile
20 25 30
Asp Ser Leu Gln Lys Ala Asn Gln Cys Cys Gly Ala Tyr Gly Pro Glu
35 40 45
Asp Trp Asp Leu Asn Val Tyr Phe Asn Cys Ser Gly Ala Ser Tyr Ser
50 55 60
Arg Glu Lys Cys Gly Val Pro Phe Ser Cys Cys Val Pro Asp Pro Ala
65 70 75 80
Gln Lys Val Val Asn Thr Gln Cys Gly Tyr Asp Val Arg Ile Gln Leu
85 90 95
Lys Ser Lys Trp Asp Glu Ser Ile Phe Thr Lys Gly Cys Ile Gln Ala
100 105 110
Leu Glu Ser Trp Leu Pro Arg Asn
115 120

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/905,674

DATE: 07/27/2001
TIME: 13:18:19

Input Set : A:\521.app.txt
Output Set: N:\CRF3\07272001\I905674.raw

L:13 M:270 C: Current Application Number differs, Wrong Format
L:56 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:57 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1